

CLAIMS:

1. A display device comprising a first substrate having at least one transparent, first picture electrode of a first material, a second substrate comprising at least one second picture electrode of a second material which, jointly with the picture electrode on the first substrate and an intermediate opto-electronic material, defines a pixel, and means for supplying electric voltages to the picture electrodes, characterized in that at least one of the picture electrodes is coated with at least one layer of conducting material, such that the difference in work function between the two picture electrodes is decreased.

2. A display device comprising a first substrate having at least one transparent, first picture electrode of a first material, a second substrate having at least one second picture electrode of a second material which, jointly with the picture electrode on the first substrate and an intermediate opto-electronic material, defines a pixel, and means for supplying electric voltages to the picture electrodes, characterized in that at least one of the picture electrodes is coated with at least one layer of a material comprising a dipole, such that the difference in work function between the two picture electrodes is decreased.

2. A display device as claimed in claim 1 or 2, characterized in that the second picture electrode is reflective.

3. A display device as claimed in claim 1 or 2, characterized in that at least one of the picture electrodes is coated with at least a layer of conducting material and at least a layer of a material comprising a dipole.

4. A display device as claimed in claim 1, 2 or 3, characterized in that the difference in work function between the two picture electrodes is at most 0.25 eV.

6. A display device as claimed in claim 1, 2 or 4, characterized in that the first picture electrode is coated with a layer comprising at least a thin layer of the material of the second picture electrode.

51.

A display device as claimed in claim ~~1, 2 or 4~~, characterized in that the second picture electrode is coated with a layer comprising at least a layer of conducting material having substantially the same work function as that of the first picture electrode.

5 8.

A display device as claimed in claim ~~1, 2 or 4~~, characterized in that the first picture electrode and the second picture electrode are coated with a layer comprising at least a layer of the same conducting material.

9.

A display device as claimed in claim ~~2 or 4~~, characterized in that the material comprising a dipole is chosen from the group of polyimides and polyamide acids.

10.

A display device as claimed in claim 9, characterized in that the material having a dipole comprises fluorine-containing polyimides or polyamide acids.

15 11.

A display device as claimed in claim ~~2 or 4~~, characterized in that the first picture electrode and the second picture electrode are coated with a layer comprising at least a layer of the same material having a dipole.

12.

A display device as claimed in claim ~~2 or 4~~, characterized in that the first picture electrode and the second picture electrode are each coated with a layer comprising a layer of different materials having a dipole.

13.

A display device as claimed in claim ~~2 or 4~~, characterized in that the first picture electrode and the second picture electrode are coated with a layer comprising at least a layer of the same material having a dipole, the material on one of the two picture electrodes being subjected to an UV treatment.

14.

A display device comprising a first substrate having at least one transparent, first picture electrode of a first material, a second substrate having a channel plate coated with a dielectric layer, in which a channel provided with channel electrodes, jointly with the picture electrode on the first substrate and an intermediate opto-electronic material, defines a pixel, and means for driving the pixel, characterized in that the picture electrode, the dielectric layer or at least one channel electrode is coated with at least one layer of material modifying the work function of the material of said picture electrode,

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dielectric layer, or channel electrode.

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C3 }